

CITY OF FORT LAUDERDALE  
SUSTAINABILITY ADVISORY BOARD  
CITY HALL CONFERENCE ROOM  
100 NORTH ANDREWS AVENUE – 8<sup>th</sup> Floor  
FORT LAUDERDALE, FLORIDA 33301  
August 24, 2015 - 6:30 PM

Cumulative Attendance 1/2015 through 12/2015					
	MEMBERS	APPT BY	ATTENDANCE	PRESENT	ABSENT
1.	Alena Alberani, Chair	II	P	6	2
2.	Jason Liechty, Vice Chair	IV	P	8	0
3.	Daniel Ayers	M	A	5	3
4.	Lawrence Clark	I	P	6	0
5.	Lance Cutrer	I	P	6	0
6.	Jeffrey Huber	M	A	5	2
7.	Jim Moyer	III	P	7	0
8.	Chad Scott	II	P	6	1
9.	Mate Thitisawat	C	P	5	3
10.	Enrique Vadiveloo	IV	P	7	1
11.	Cheryl Whitfield	III	P	7	1

**Staff Present**

Sustainability Division of Public Works

Adrienne Ehle, Environmental Analyst, Interim Staff Liaison  
Glen Hadwen, Sustainability Manager  
Zach McGinnis, Senior Management Fellow  
Carlos Berriz, Fleet Program Manager

**Guests Present**

Michael Madfis  
Todd Jensen, FPL

### **Call of Order/Roll Call**

The meeting was called to order by Chair Alberani at 6:31 p.m. The roll was called, and it was determined a quorum was present.

### **Approval of the Meeting Minutes**

The July minutes were introduced. A motion was made to approve the minutes with corrections as amended by Mr. Vadiveloo and seconded by Mr. Thitisawat and passed on consensus.

### **Staff Liaison Report**

Mr. Hadwen reported that there have been no changes in the status of the Sustainability Action Plan since the last meeting. Mr. McGinnis reported that staff will meet with five boards and community groups to present the Beach Wrack Pilot Project. Ms. Ehle discussed the Communications History List from the first SAB item to the present, which included status if known. Mr. Hadwen reported on the August 18, 2015 City Commission Conference Meeting on SAB Communication to the City Commission: Expanded Polystyrene (Styrofoam) discussion was postponed. Mr. Cutrer asked if a follow up communication should be done to clarify Styrofoam. Chair Alberani said that Michael DeFillippi offered come to the meeting. Mr. Cutrer said that they should look for more information from Miami Beach on impacts & metrics of its ban. Ms. Whitfield said that this issue warrants public discussion. Chair Alberani asked how to secure a presentation before Commission.

The Board then reviewed a video on a Styrofoam discussion at Commission.

Ms. Whitfield thought that they should have input from the hospitality industry. Vice Chair Liechty said that they clearly don't understand what is in the Communication. Ms. Whitfield said that a presentation is necessary. Vice Chair Liechty said that he will send an email to all the Commissioners about this. Mr. Vadiveloo asked if boards can give presentations. Chair Alberani stated that the Historic Preservation has given presentations to the Commission in the past.

Mr. Hadwen reported that the preliminary results of the Environmental and Sustainability Management System Audits have been completed and it was recommended by the auditor that both sites receive ISO 14001:2004 certification.

Mr. McGinnis reported that Mr. Ayers resigned from the Board. Mr. McGinnis also reported on a request from Commissioner Roberts to forward information, on the Floridians for Solar Choice ballot initiative, to the SAB. Mr. Clark said that he is on the BOMA state committee and supports that ballot initiative.

### **Presentations**

## Alternative Fuel Report {Berriz}

Mr. Berriz reported that in 2014, the City's Green Team subcommittee convened to evaluate alternative fuels for transportation. He added that the City has been recently named the 36th Greenest Fleet in North America and has ASCE certified vehicle technicians. In Fiscal Year 2016, Fleet services will be working towards the sustainable fleet accreditation. There is a Press Play goal to reduce vehicle fuel consumption 20% by 2020.

The Alternative Fuel Subcommittee has researched and recommended viable alternative fuels. Currently, the City's fleet has 1,500 vehicles, of which 74% use gasoline and 23.1% use diesel. As of Fiscal Year 2015, 39% of the City's vehicles are Ultra Low Emissions Vehicles (ULEV). Historically, fuel prices are trending upwards. The City considers the environmental impact including sea level rise, its cost competitiveness and availability in sufficient quantities. In the short term, the subcommittee recommended adjusting the budget to encourage consideration of life cycle cost and improved tracking of fuel consumption; a commitment was also made to establish alternative fuel committee updates yearly. The City has expanded utilization of hybrid technology. There are currently 28 hybrids on order. It was also noted that gasoline fueled vehicles are needed to maintain infrastructure. When purchasing vehicles, the City now considers vehicle type and size; then reviews which would be the best buy within class is.

Next year the City will increase propane use, implement a global positioning technology, and a fleet sharing program to get rid of underutilized vehicles. In conclusion, the City seeks to increase awareness, encourage consideration of alternative fuels, research fuel saving technologies, and lay the foundation for future work.

Mr. Moyer noted that there was not much electric vehicles. Mr. Berriz replied that we do have three electric vehicles. Chair Alberani asked how about renewable energy charging stations and the impact of fracking and compressed gas. Mr. Berriz replied that's why we haven't taken action on compressed natural gas.

The board then watched a video on a commission discussion of alternative fuel vehicles from the July 7, 2015 conference meeting.

Todd Jensen, FPL, reported that the City of Atlanta is adding 50 plug in electric charging stations. Mr. Jensen reported that with the Energy Secure Cities Coalition he had he had approached Mayor Seiler about getting off petroleum The Coalition also includes Compressed Natural Gas. Participating cities include Indianapolis, Atlanta, San Diego, and Denver. The Mayor of West Palm Beach has already committed. He said that you can pick up a used Nissan Leaf for \$8,000 now. A twenty car pilot was mentioned in the Commission video.

Mr. Moyer asked what the payback is and Mr. Jensen responded that the payback is lesser for new vehicles. The Nissan Leaf range is 84 miles and electric vehicles have very few moving parts.

Chair Alberani asked for more information on Vision Fleet. It was also mentioned that an Indianapolis program has a strife lawsuit over procedural issues.

Chair Alberani asked Mr. Berriz what is his take on it. He said he would need to evaluate the \$8,000 vehicles and review generator issues after hurricane. Additional questions posed to Mr. Berriz include: When we get a hurricane does show go on? Does the site have a backup generator? Would we need a fast fill system for CNG?

Mr. Clark said that we need to be sensitive to environmental concerns on CNG.

Vice Chair Liechty suggested using the ACEEE greener cars score. Mr. Berriz said that the ACEEE score was not a deciding factor for the City. It still considers the vehicle's financial cost and cost of fuel. Ms. Whitfield, Mr. Clark, and Vice Chair Liechty all suggested continuing this discussion at the next meeting during old business.

### **City Sponsored Food Forest {Whitfield}**

Ms. Whitfield introduced Michael Madfis. He stated that the City should request white paper on food issues and further added that we should all be concerned about where food is going to come from, and how it will be dealt with during emergencies. A strong food supply has a huge impact on our environment and health. It was advised that we need to study all the facts and should propose a white paper which is related to other activities. Ms. Whitfield questioned whether a communication should be sent to the City Commission on this topic.

Mr. Cutrer asked if this is restrictive to who can respond and are there a lot of food planners. Mr. Madfis responded that it should be limited to those with experience, since there are many people involved with food planning in this region. Mr. Cutrer asked if it should include anything about invasive species. Mr. Vadiveloo added, what about the CCNA clause? Mr. Clark said the proposal is below the \$35,000 threshold.

Vice Chair Liechty said the Commission may not want fixed cost. Mr. Scott said, how does this fit into the budget. Chair Alberani said it needs to come out from an area of sustainability and needs to explain why food is vital. Vice Chair Liechty said it needs to align with the Sustainability Action Plan. Ms. Whitfield stated that it needs to add to a broader discussion of issues. Mr. Moyer added that it should have no dollar amount and be short and concise. There really is no plan for sustaining food. Mr. Madfis reported that Broward County is looking at this as well. Mr. Vadiveloo questioned how the board knows that the City can't do this kind of plan. Ms. Whitfield said she will revise the proposal for the next meeting.

### **Old Business**

Staff presented the list of past presentations to date.

### **New Business**

Chair Alberani suggested proposing to the Commission energy and water conservation for new buildings. Vice Chair Liechty said that there is an issue with the SAB Board recommending green energy codes because of state law. Mr. Clark said that there are differences between green building rating systems. Mr. Cutrer said that the City can offer incentives. Mr. Thitisawat suggested considering energy benchmarking.

Chair Alberani suggested inviting Richard Whitecloud from STOP to speak about sea turtle lighting. Mr. Cutrer said that STOP now has help from Sea Shepherd in Fort Lauderdale and it would be a good issue to discuss in future.

### **Proposed Communication**

There was no proposed communication discussed at this meeting.

### **Items for Next Meeting**

The Board agreed to the following item for its August agenda:

1. Further discussion of alternative fuels under old business
2. Food forest proposal

The Board decided to leave the parking lot as is. Mr. Cutrer will tie actions of parking lot items to Press Play.

### **Adjournment**

Vice Chair Liechty made the motion to adjourn and Mr. Clark seconded. The meeting was adjourned at 8:46 p.m.